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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/776,636	02/12/2004	Kenjiro Yoshioka	Q79876	1774
65565	7590	01/24/2008		
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2100 PENNSYLVANIA AVE. NW				
WASHINGTON, DC 20037-3213				
EXAMINER				
GRAINGER, QUANA MASHELL				
ART UNIT		PAPER NUMBER		
2852				
MAIL DATE		DELIVERY MODE		
01/24/2008		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/776,636	Applicant(s) YOSHIOKA ET AL.	
	Examiner Quana M. Grainger	Art Unit 2852	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11-12-2007.
- 2a) ☐ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4,6-9,11,12 and 14-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1,2,4,6-8,20-26,30,33 and 34 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 9,11,12,14-19,27-29,31 and 32 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Conclusion

1. This application is in condition for allowance except for the following formal matters.

Claim Objections

2. Claims 9, 11-12, 14-19, 27-29, and 31-32 are objected to because of the following informalities. Claims 9 and 12 recite a heating portion and (first or second) holding portions for the first and second heaters that comprises coil filaments but this is not discussed in the detailed description [0061 – 0173].
3. Specifically, claim 9 recites “a first heater having a first coil filament operable to heat a central region of the heating roller, and *first holding portion filaments holding the first coil filament*; and a second heater for heating having second coil filaments operable to heat side end regions of the heating roller on both sides of the central region, and *a second holding portion filament holding the second coil filaments*.” The detailed description does not discuss that the holding portion filament hold the coil filament and the examiner does not know what this means.
4. Claims 12 recites “a first heater having a first coil filament operable to heat a central region of the heating roller, and *first holding portion filaments holding the first coil filament*; and a second heater having second coil filaments operable to heat side end regions of the heating roller on both sides of the central region, and *a second holding portion filament holding the second coil filaments*; and a temperature sensor operable to detect a temperature of the heating roller and opposing an overlapping portion in which one of the first holding portion filaments

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and one of the second coil filaments are overlapped.” This claim has the same issue as discussed above.

5. Claim 15, recites “the first coil filament is formed by coil filaments operable to emit light of a first amount and wire filaments which are arranged alternately, and *each of the first holding portion filaments is formed by alternately arranging wire filaments and coil filaments operable to emit light of a second amount less than the first amount.*” The holding portion is not described to have a wire portion. Please point to where this is discussed in the detailed description.

6. Claim 16 recites “the second coil filaments is formed by coil filaments operable to emit light of a first amount and wire filaments which are arranged alternately and *the second holding portion filament is formed by arranging wire filaments and coil filaments operable to emit light of a second amount less than the first amount.*” Where is this discussed in the detailed description?

7. These objections are also present in claims 1, 4, 18, 20, 21, 23, 27, 29.

8. Please review the claims and may the appropriate corrections.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Allowable Subject Matter

9. Claims 1-2, 4, 6-8, 20-26, 30, and 33-34 are allowed.

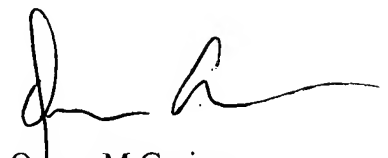
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Contact Information

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quana M. Grainger whose telephone number is 571-272-2135. The examiner can normally be reached on 8am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Gray can be reached on 571-272-2119. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Quana M Grainger
Primary Examiner
Art Unit 2852

QG